See Paper # 13 & 5

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-294001	Application No. 09/721,391
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Richard Vile et al.	
		Filing Date November 22, 2000	Group Art Unit 1641 1636

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
GN	AA	5,137,805	08/11/92	Kingston et al.			
	AB	5,738,985	04/14/98	Miles et al.			
	AC	5,770,581	06/23/98	Weichselbaum et al.			
	AD	5,827,685	10/27/98	Lindquist			
QN	AE	6,034,228	03/07/00	Norris et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AF							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
QN	AG	Provisional Application Serial No. 60/193,977, Filed March 31, 2000
	AH	GenBank Accession No. A23284
	AI	GenBank Accession No. D49357
	AJ	GenBank Accession No. D86181
	AK	GenBank Accession No. L12392
	AL	GenBank Accession No. M11147
	AM	GenBank Accession No. M13142
	AN	GenBank Accession No. M14338
	AO	GenBank Accession No. M60091
	AP	GenBank Accession No. M26927
	AQ	GenBank Accession No. M68840
	AR	GenBank Accession No. S64699
	AS	GenBank Accession No. S56903
	AT	GenBank Accession No. U39817
	AU	GenBank Accession No. U49897
QN	AV	GenBank Accession No. V00497

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QW	AW	GenBank Accession No. V00571
	AX	GenBank Accession No. X01712
	AY	GenBank Accession No. X02747
	AZ	GenBank Accession No. X03633
	AAA	GenBank Accession No. X13255
	ABB	GenBank Accession No. X15149
	ACC	GenBank Accession No. X55079
	ADD	GenBank Accession No. X55330
	AEE	GenBank Accession No. X59798
	AFF	GenBank Accession No. Z25884
	AGG	GenBank Accession No. Z48804
	AHH	GenBank Accession No. AF057310
	AII	Alexandropoulos et al., "v-Fps-responsiveness in the Egr-1 promoter is mediated by serum response elements," Nucleic Acids Res., 1992, 20(9):2355-2359
	AJJ	Attar and Gilman, "Expression Cloning of a Novel Zinc Finger Protein That Binds to the *c-fos* Serum Response Element," Mol. Cell. Biol., 1992, 12(5):2432-2443
	AKK	Bae et al., "Genomic Differences between the Diabetogenic and Nondiabetogenic Variants of Encephalomyocarditis Virus," Virology, 1989, 170:282-287
	ALL	Baler et al., "Activation of Human Heat Shock Genes Is Accompanied by Oligomerization, Modification, and Rapid Translocation of Heat Shock Transcription Factor HSF1," Mol. Cell. Biol., 1993, 13(4):2486-2496
	AMM	Bateman et al., "Fusogenic Membrane Glycoproteins As a Novel Class of Genes for the Local and Immune-mediated Control of Tumor Growth," Cancer Res., 2000, 60:1492-1497
	ANN	Bentley et al., "Melanocyte-Specific Expression of the Human Tyrosinase Promoter: Activation by the Microphthalmia Gene Product and Role of the Initiator," Mol. Cell. Biol., 1994, 14(12):7996-8006
	AOO	Berger et al., "Natural and Synthetic Heat Shock Protein Gene Promoters Assayed in *Drosophila* Cells," Somatic Cell and Molecular Genetics, 1986, 12(5):433-440
	APP	Blackburn et al., "Adenoviral-mediated Transfer of a Heat-inducible Double Suicide Gene into Prostate Carcinoma Cells," Cancer Res., 1998, 58:1358-1362
	AQQ	Broach et al., "Vectors for High-Level, Inducible Expression of Cloned Genes in Yeast," Experimental Manipulation of Gene Expression, Inouye (ed.), 1983, Academic Press, Inc., Orlando, Florida, Chapter 5, pp. 83-117
QW	ARR	Carroll and Taichman, "Characterization of the human involucrin promoter using a transient β-galactosidase assay," J. Cell Science, 1992, 103(4):925-930

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QW	ASS	Chaubal et al., "Ep-CAM – A Marker for the Detection of Disseminated Tumor Cells in Patients Suffering from SCCHN," Anticancer Research, 1999, 19(3B):2237-2242
	ATT	Cohen et al., "Complete nucleotide sequence of an attenuated hepatitis A virus: Comparison with wild-type virus," Proc. Natl. Acad. Sci. USA, 1987, 84:2497-2501
	AUU	Craig, "The Heat Shock Response," Crit. Rev. Biochem., 1985, 18(3):239-280
	AVV	Datta et al., "Ionizing radiation activates transcription of the *EGRI* gene via CArG elements," Proc. Natl. Acad. Sci. USA, 1992, 89:10149-10153
	AWW	Datta et al., "Reactive oxygen intermediates target $CC(A/T)_6GG$ sequences to mediate activation of the early growth response 1 transcription factor gene by ionizing radiation," Proc. Natl. Acad. Sci. USA, 1993, 90:2419-2422
	AXX	Duechler et al., "Evolutionary relationships within the human rhinovirus genus: Comparison of serotypes 89, 2, and 14," Proc. Natl. Acad. Sci. USA, 1987, 84:2605-2609
	AYY	Diaz et al., "Exchange of Viral Promoter/Enhancer Elements with Heterologous Regulatory Sequences Generates Targeted Hybrid Long Terminal Repeat Vectors for Gene Therapy of Melanoma," J. Virol., 1998, 72:789-795
	AZZ	Diaz et al., "A lentiviral vector expressing a fusogenic glycoprotein for cancer gene therapy," Gene Ther., 2000, 7:1656-1663
	AAAA	Drabent et al., "*In vitro* transcription of a human hsp 70 heat shock gene by extracts prepared from heat-shocked and non-heat-shocked human cells," Nucl. Acids Res., 1986, 14(22):8933-8948
	ABBB	Earle et al., "The Complete Nucleotide Sequence of a Bovine Enterovirus," J. Gen. Virol., 1988, 69:253-263
	ACCC	Fielding et al., "A Hyperfusogenic Gibbon Ape Leukemia Envelope Glycoprotein: Targeting of a Cytotoxic Gene by Ligand Display," Human Gene Ther., 2000, 11:817-826
	ADDD	Ghebranious et al., "Developmental Control of Transcription of the Cat Reporter Gene by a Truncated Mouse Alphafetoprotein Gene Regulatory Region in Transgenic Mice," Mol. Reprod. Dev., 1995, 42:1-6
	AEEE	Goldenberg et al., "Purified Human Factor Activates Heat Shock Promoterin a HeLa Cell-free Transcription System," J. Biol. Chem., 1988, 263(36):19734-19739
	AFFF	Helftenbein et al., "Expression of the Uteroglobin Promoter in Epithelial Cells Lines from Endometrium," Ann. N.Y. Acad. Sci., 1991, 622:69-79
	AGGG	Hogen et al. (eds.), Manipulating the Mouse Embryo, A Laboratory Manual, Second Edition, 1994, Cold Spring Harbor Laboratory Press, Plainview, N.Y. (Table of Contents only)
	AHHH	Holbrook et al., "Signaling events controlling the molecular response to genotoxic stress," Stress-Inducible Cellular Responses, Feige et al. (eds.), 1996, Birkhauser Verlage Basel/Switzerland, pp. 273-288
	AIII	Hughes et al., "The Complete Nucleotide Sequence of Coxsackievirus A21," J. Gen. Virol., 1989, 70:2943-2952
	AJJJ	Iizuka et al., "Complete Nucleotide Sequence of the Genome of Coxsackievirus B1," Virology, 1987, 156:64-73
QW	AKKK	Inchauspe et al., "Genomic structure of the human prototype strain H of hepatitis C virus: Comparison with American and Japanese isolates," Proc. Natl. Acad. Sci. USA, 1991, 88:10292-10296

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QW	ALLL	Jackson, "Initiation without an end," Nature, 1991, 353(6339):14-15
	AMMM	Jenkins et al., "The Complete Nucleotide Sequence of Coxsackievirus B4 and Its Comparison to Other Members of the Picornaviridae," J. Gen. Virol., 1987, 68:1835-1848
	ANNN	Kato et al., "Molecular cloning of the human hepatitis C virus genome from Japanese patients with non-A, non-B hepatitis," Proc. Natl. Acad. Sci. USA, 1990, 87:9524-9528
	AOOO	Kirkin et al., "The Immunogenic Properties of Melanoma-Associated Antigens Recognized by Cytotoxic T Lymphocytes," Exp. Clin. Immunogenet., 1998, 15:19-32
	APPP	Lai et al., "Evaluation of Cytokeratin 19 Fragment (CYFRA 21-1) as a Tumor Marker in Malignant Pleural Effusion," Jpn J. Clin. Oncol., 1999, 29(9):421-424
	AQQQ	Lindquist, "The Heat-Shock Response," Ann. Rev. Biochem, 1986, 55:1151-1191
	ARRR	Macejak and Sarnow, "Internal initiation of translation mediated by the 5' leader of a cellular mRNA," Nature, 1991, 353(6339):90-94
	ASSS	Maga et al., "Expression of human lysozyme mRNA in the mammary gland of transgenic mice," Trans. Res., 1994, 3:36-42
	ATTT	Martin et al., "Retroviral Vector Targeting to Melanoma Cells by Single-Chain Antibody Incorporation in Envelope," Human Gene Ther., 1998, 9:737-746
	AUUU	McGrane et al., "Developmental regulation and tissue-specific expression of a chimaeric phosphoenolpyruvate carboxykinase/bovine growth hormone gene in transgenic animals," J. Reprod. Fert. Suppl., 1990, 41:17-23
	AVVV	Melcher et al., "Tumor immunogenicity is determined by the mechanism of cell death via induction of heat shock protein expression," Nat. Med., 1998, 4(5):581-587
	AWWW	Melcher et al., "Heat Shock Protein Expression in Target Cells Infected with Low Levels of Replication-Competent Virus Contributes to the Immunogenicity of Adenoviral Vectors," Human Gene Ther., 1999, 10:1431-1442
	AXXX	Mirault et al., "Regulation of heat-shock genes: a DNA sequence upstream of *Drosophila hsp 70* genes is essential for their induction in monkey cells," EMBO J., 1982, 1(10):1279-1285
	AYYY	Morgenstern and Land, "Advanced mammalian gene transfer: high titre retroviral vectors with multiple drug selection markers and a complementary helper-free packaging cell line," Nucl. Acids Res., 1990, 18(12):3587-3596
	AZZZ	Naldini et al., "In Vivo Gene Delivery and Stable Transduction of Nondividing Cells by a Lentiviral Vector," Science, 1996, 272:263-267
	AAAAA	Neri et al., "Recombinant Anti-Human Melanoma Antibodies Are Versatile Molecules," J. Invest. Dermatol., 1996, 107:164-170
	ABBBB	Nover (ed.), Heat Shock Response of Eukaryotic Cells, 1984, Springer-Verlag, Berlin (Table of Contents only)
	ACCCC	Ohara et al., "Molecular Cloning and Sequence Determination of DA Strain of Theiler's Murine Encephalomyelitis Viruses," Virology, 1988, 164:245-255
	ADDDD	Okamoto et al., "Full-Length Sequence of a Hepatitis C Virus Genome Having Poor Homology to Reported Isolates: Comparative Study of Four Distinct Genotypes," Virology, 1992, 188:331-341
QW	AEEEE	Oesterling, "Prostate Specific Antigen: A Critical Assessment of the Most Useful Tumor Marker for Adenocarcinoma of the Prostate," J. Urology, 1991, 145:907-923

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QW	AFFFF	Palmenberg et al., "The nucleotide and deduced amino acid sequences of the encephalomyocarditis viral polyprotein coding region," Nucl. Acids Res., 1984, 12(6):2969-2985
	AGGGG	Pandha et al., "Genetic Prodrug Activation Therapy for Breast Cancer: A Phase I Clinical Trial of *erb*B-2-Directed Suicide Gene Expression," J. Clin. Oncol., 1999, 17(7):2180-2189
	AHHHH	Paul et al., "The entire nucleotide sequence of the genome of human hepatitis A virus (isolate MBB)," Virus Res., 1987, 8:153-171
	AIIII	Pelham and Bienz, "A synthetic heat-shock promoter element confers heat-inducibility on the herpes simplex virus thymidine kinase gene," EMBO J., 1982, 1(11):1473-1477
	AJJJJ	Pelham, "Activation of heat-shock genes in eukaryotes," Trends Genet., 1985, 1:31-35
	AKKKK	Peng and Russell, "Viral vector targeting," Curr. Opin. Biotech., 1999, 10:454-457
	ALLLL	Pinkus et al., "Are Keratin Proteins a Better Tumor Marker than Epithelial Membrane Antigen?" Am. J. Clin. Pathol., 1986, 85:269-277
	AMMM	Platenburg et al., "Expression of human lactoferrin in milk of transgenic mice," Trans. Res., 1994, 3:99-108
	ANNNN	Qureshi et al., "v-Src Activates Mitogen-responsive Transcription Factor Egr-1 via Serum Response Elements," J. Biol. Chem., 1991, 266(17):10802-10806
	AOOOO	Racaniello and Baltimore, "Molecular cloning of poliovirus cDNA and determination of complete nucleotide sequence of the viral genome," Proc. Natl. Acad. Sci. USA, 1981, 78(8):4887-4891
	APPPP	Ritossa, "A New Puffing Pattern Induced by Temperature Shock and DNP in Drosophila," Experientia, 1962, 18:571-573
	AQQQQ	Ryan et al., "The complete nucleotide sequence of enterovirus type 70: relationships with other members of the Picornaviridae," J. Gen. Virol., 1990, 71:2291-2299
	ARRRR	Sambrook et al. (eds.), Molecular Cloning – A Laboratory Manual, Second Edition, 1989, Cold Spring Harbor Laboratory Press, Chapters 16 and 17, pp. 16.1-17.44
	ASSSS	Schrewe et al., "Cloning of the Complete Gene for Carcinoembryonic Antigen: Analysis of Its Promoter Indicates a Region Conveying Cell Type-Specific Expression," Mol. Cell. Biol., 1990, 10(6):2738-2748
	ATTTT	Shinoura et al., "Adenovirus-mediated Transfer of $p33^{ING1}$ with p53 Drastically Augments Apoptosis in Gliomas," Cancer Res., 1999, 59:5521-5528
	AUUUU	Skern et al., "Human rhinovirus 2: complete nucleotide sequence and proteolytic processing signals in the capsid protein region," Nucl. Acids Res., 1985, 13(6):2111-2126
	AVVVV	Sonenberg and Meerovitch, "Translation of Poliovirus mRNA," Enzyme, 1990, 44:278-291
	AWWW	Sorger, "Heat Shock Factor and the Heat Shock Response," Cell, 1991, 65:363-366
	AXXXX	Srivastava et al., "Heat Shock Proteins Come of Age: Primitive Functions Acquire New Roles in an Adaptive World," Immunity, 1998, 8:657-665
	AYYYY	Stanway et al., "Comparison of the complete nucleotide sequences of the genomes of the neutovirulent poliovirus P3/Leon/37 and its attenuated Sabin vaccine derivative P3/Leon $12a_1b$," Proc. Natl. Acad. Sci. USA, 1984, 81:1539-1543
QW	AZZZZ	Todryk et al., "Heat Shock Protein 70 Induced During Tumor Cell Killing Induces Th1 Cytokines and Targets Immature Dendritic Cell Precursors to Enhance Antigen Uptake," J. Immunol., 1999, 163:1398-1408

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QW	AAAAA	Vile et al., "Tissue-Specific Gene Expression from Mo-MLV Retroviral Vectors with Hybrid LTRs Containing the Murine Tyrosinase Enhancer/Promoter," Virology, 1995, 214:307-313
	ABBBB	Vile et al., "Strategies for achieving multiple layers of selectivity in gene therapy," Mol. Med. Today, 1998, 4:84-92
	ACCCC	Voellmy et al., "Isolation and functional analysis of a human 70,000-dalton heat shock protein gene segment," Proc. Natl. Acad. Sci. USA, 1985, 82:4949-4953
	ADDDD	Wong et al., "Human GM-CSF: Molecular Cloning of the Complementary DNA and Purification of the Natural and Recombinant Proteins," Science, 1985, 228:810-815
	AEEEEE	Wu et al., "Structure and Expression of the Human Gene Encoding Major Heat Shock Protein HSP70," Mol. Cell. Biol., 1985, 5(2):330-341
	AFFFFF	Wu et al., "Human *HSP70* promoter contains at least two distinct regulatory domains," Proc. Natl. Acad. Sci. USA, 1986, 83:629-633
	AGGGG	Zufferey et al., "Multiply attenuated lentiviral vector achieves efficient gene delivery in vivo," Nat. Biotechnol., 1997, 15:871-875
QW	AHHHH	Zuo et al., "Multiple Layers of Regulation of Human Heat Shock Transcription Factor 1," Mol. Cell. Biol., 1995, 15(8):4319-4330

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See Paper #14

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	AK							
	AL							
	AM							
	AN							

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QN	AO	Cao et al., "A safe, effective in vivo gene therapy for melanoma using tyrosinase promoter-driven cytosine deaminase gene," In Vivo (Greece), 1999, 13(2):181-187, Abstract only
QN	AP	Mivechi et al., "Stable Overexpression of Human HSF-1 in Murine Cells Suggests Activation Rather Than Expression of HSF-1 to be the Key Regulatory Step in the Heat Shock Gene Expression," J. Cell. Biochem., 1995, 59:266-280
QN	AQ	Miyazaki et al., "Activation of of Human Multidrug Resistance-1 Gene Promoter in Response to Heat Shock Stress," Biochem. Biophys. Res. Comm., 1992, 187(2):677-684
QN	AR	Park et al., "Augmentation of Melanoma-Specific Gene Expression Using a Tandem Melanocyte-Specific Enhancer Results in Increased Cytotoxicity of the Purine Nucleoside Phosphorylase Gene in Melanoma," Human Gene Therapy, 1999, 10:889-898

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